

REMARKS

In the Abstract

The Abstract has been amended to comply with the requirement that the Abstract contain less than 150 words.

In the Specification

The amendments to the Specification has been amended to correct minor editorial problems identified by the Examiner, including amendments to paragraphs [0041] and [0046]. With respect to paragraph 2 of the Office Action under the heading "2. IN THE SPECIFICATION", the applicant could not locate the Examiner's objection to reference character "120". Specifically, the "space" is referenced as "102" in paragraph [0054] and shown as such in the corresponding drawing figure. The Examiner, however, may amend the paragraph by Examiner's amendment if any informality so exists. In paragraph [0055] reference to number "114" has been replaced with "118". In paragraph [0049], reference is made to relay 63' shown in FIG. 2B and paragraph [0053] has been amended to refer to throttle body 81' shown in FIG. 1A. Likewise, paragraph [0066] has been amended to refer to mass air flow sensor 83. Appropriate amendments have also been made to FIG. 1A and FIG. 2B. The applicant respectfully submits that no new matter has been added to the specification or drawings as the amendments presented herein are supported by the specification and/or drawings as originally filed.

Amendments to the Drawings:

The attached sheets of drawings include changes to FIG. 1A and FIG. 2B. These sheets, which include FIG. 1A, FIG. 2A and FIG. 2B, replace the original sheets including FIG. 1A, FIG. 2A and FIG. 2B. In FIG. 1A, reference numbers 59, 63', 81' and 83 have been added. In FIG. 2B, reference number 114 has been deleted.

Attachments: Replacement Sheets (2)

In the Claims

The Examiner has objected to claims 1 – 37 for various informalities. The applicant has cancelled claims 1 – 37 without prejudice and added new claims 38 – 74. The new claims are presented in a form that is consistent with the recommended changes made by the Examiner to original claims 1 – 37. Such amendments do not add any subject matter to the claims and are fully supported by the specification and drawings as amended.

Claims 1 – 37 have also been rejected under the judicially created doctrine of obviousness-type double patenting as being unpatentable over claims 1-37 of U.S. Patent No. 6,745,568. The applicant respectfully submits that new claims 38 – 74 are patentably distinct from the claims of U.S. Patent No. 6,745,568 and should therefore overcome the obviousness-type double patenting rejection.

In the Drawings:

The attached sheets of drawings include amendments to FIG. 1A and FIG. 2B and includes a complete set of formal drawings. These sheets, which include FIGS. 1A, 1B, 1C, 2A, 2B, 3A, 3B, 4A, 4B, and 5 replace the original drawing sheets. In FIG. 1A, reference numbers 59, 63', 81' and 83 have been added to address the errors noted by the Examiner. Likewise, FIG. 2B has been amended to delete reference number 114. With respect to the objection to the drawings for failure to show "506", the applicant notes that reference "506" is shown and has amended paragraph [0046] to include reference to "506". No new matter has been added by the amendments to the drawings.

CONCLUSION

The applicant respectfully submits that the present application is in condition for allowance and requests that a Notice of Allowance be issued in this case. If further action is necessary that can be resolved by Examiner Amendment, the Examiner is welcome to call the undersigned in order to expedite issuance. The Commissioner is authorized to charge any fees due pursuant to this amendment to deposit account 50-0881.

Respectfully submitted,



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Attachments: Replacement Drawing Sheets (6)